

The 50 MHz DX Bulletin

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The 50 MHz DX Bulletin was founded by Harry Schools K3HS. It is dedicated to the understanding and utilization of long distance propagation in the 6-meter Amateur band. The current editor and publisher is Victor Frank, K6FV. Subscription rates are \$24 U.S. first class mail, \$27 Canada/Mexico airmail, and \$30 by airmail elsewhere for 12 issues. Circulation matters and DX reports should be sent to Victor R. Frank, K6FV, 12450 Skyline Blvd., Woodside, CA 94062-4554 USA. My Internet address is victor.frank@sri.com. I have a web site that hasn't been updated in a long time for various classes I took at <http://www.qsl.net/k6fv>. The bulletin may be freely quoted, provided that credit is given.

DX Operations

Most of the listings in this column came from SM7AED's notebook and SMIRK. Chris Patterson, W3CMP, made a survey (probably amongst Europeans, as this came from UKSMG) for the most wanted Northern and Central American countries on 6m. The top ten are: J7, KP1, KP5, CY0, PJ5,7,8, HK0, J3, KG4, VP9, and XF4.

Antarctic, EM1U/EM1UA: Roman indicates he is monitoring 50.110 every day, and 28.885 between 1200-1800Z.

Amsterdam Is., FT1Z: Sebastien got his license October 31 and will be active for one year on AO-40 and LEOs from MF81TX. He also plans 50 MHz & HF activity as soon as the French laws permit (he has a no-code license).

Maldives, 8Q7JE: JE1NCP will operate from here on HF & 6m from November 13-25, and operate a 6m beacon on 50.105 MHz. Equipment will be a 5 el Yagi and 100W.

Europa Island, FR__: Word as of 10/24 is that the group of French military operators will board ship Nov 17 to reach Europa (AF-009) November 24, then QRT about December 15 and back to Reunion Is. Europa is a small island that is part of the DXCC entity Europa & Juan de Nova. They hope to have 3 stations in operations on 160-6m, with FT100D and 4 el beam for a 24h/day breakable beacon on 6m.

Syria, YK1AO: has a 6m antenna to put up and hopes to be active in December.

Eritrea, E3: Five British operators will make up a DXpedition team planning operation with three high power stations on 160-6m in mid February 2004. Operations will take place from the Nyala Hotel in Asmara, used by several previous successful DXpeditions. For 6m they will use a 5 el Yagi.

Tunisia, TS7N: will be QRV from Kerkennah Islands (AF-073) from November 19-December 1. Andy, DL9USA, obtained the first and only official license for 6m there.

Annobon Island, 3C0V: They worked a number of Europeans on 6m on October 2, and then, despite their having obtained civilian authorization documents, their operation was cut short on October 3 by order from the military to leave on the first available transport (a Russian cargo carrier).

Saint Martin, FS/: A group of W2s return to French St.

Martin December 3-10. They plan to have a air of stations on 160m through 6m and a 6m beacon before the operation ends. Outside the ARRL 160m contest, they will use FS/their own call signs.

Also, from last month, Pete, VA3RA - VE3IKV is planning a trip to the island November 8-15 and inquired about F2 or TEP propagation to that area during that time period. If it looked promising, he wrote that he would bring his Yacsu FT-650 and 1/4 wave mobile antenna.

Haiti, 4V200YH: A group of DLs plan to operate from NA-096 with three stations on 160-6m from January 28-February 15. See <http://www.qsl.net/d17cm/haiti2.htm>.

Galapagos, HC8N: Jon, N0JK, and a group going here for the CQ WW CW contest should be active November 24-December 1.

Eastern Pacific: Louie, HP3XUG, writes of a planned ocean trip from San Diego to Panama after November 1 until December 3-4. If antennas, etc. work out, he plans to give out wet grid squares on 6m, 2m, and 70 cms.

Marshall Is., V73NS: Neil is still active between 1700-1840Z and 0300-0500Z on HF and said to be getting more active on 6m from RJ39.

Micronesia, V63PF & V63WC: Cal, WF5W, and Paul, W5PF, plan to be on Yap Is. (OC-012) from November 22-29. They will have two 100W radios, and plan operation on 40-6m. The have a 2 el. SteppIR Yagi for 20-6m.

Palau, T88: JK1FNN and 7L1MKM will operate as T88HA and T88MY from December 28 to January 4.

Six Meters Resuscitated

One of the most powerful solar flares recorded erupted the morning of October 28 near giant sunspot 486. The explosion hurled a coronal mass ejection (CME) directly toward Earth. The solar event was three hours long and left the sun at 1200 to 2000 km per second, with a predicted arrival at Earth as early as October 29 1600Z and as late as October 30 0200Z. At 0400Z on the 30th the Solar Flux Index was 279, A = 180, and K = 7.

Although TransEquatorial Propagation (TEP) had been reported throughout the month by stations close enough to the geomagnetic equator (Southern USA, for instance), and aurora was also reported by stations close enough to the polar regions (Northern USA and Europe, for instance), the solar event on the 29th-30th brought widespread 6m openings to Europe and Middle USA. The strongest and most widespread were between locations in the northern hemisphere, for instance, Western USA to KH6 and KL7s. Backscatter and Sporadic E were also prevalent, for instance JAs were worked from western USA via backscatter from the West and SouthWest. ZLs and VKs were also in, but the hoped-for islands of the middle Southern Pacific were illusive. Lack of activity or propagation?

October 03 DX Reports

The following reports of 50 MHz and higher DX propagation are courtesy of JA1VOK, G4UPS, VE7SKA, W5UWB, XE2HWB, K6QXY, JH1WHS and postings on the Internet. Apologies to any sources I may have inadvertently neglected.

The first entry is *mmddhhii*, where *mm* is the month, *dd* is the day of the month, *hh* is the hour UTC, and *ii* is the minutes after the hour. The year is understood to be 2003. Symbols just before the call of the reporting station include: V=Video Carrier, I=Inband video sidebands, F=FM audio, B=beacon, C=CW, J=JT44, P=PSK31, R=RTTY, S=SSB, W=mode not mentioned (or both CW & SSB), H=heard only. (BSc) = backscatter.

Reports of Africa

Annobon Is.

10021426 3C0V 57 50.120 W 5B4FL
10021500 3C0V 59 #225 50.120 W SVLHD
10021502 3C0V WEAK 50.120 EA7KW
10021513 3C0V VY WEAK 50.120 W IKOFTA
10021524 3C0V 59 >JN78 50.120 IW9CER
10021525 3C0V 59 59>JN83FM 50.120 9A6R
10021530 3C0V JT28TN 50.120 5B4FL
10021553 3C0V STRONG 50.120 TP9CVO
10021558 3C0V 55>JN59 50.120 W SVLHD
10021610 3C0V 57-59>KM17 50.120 SVLWHP
10021612 3C0V YES 50.120 IK0VAQ
10021705 3C0V WEAK 50.120 EA7KW
10022012 3C0V CQ CQ 50.120 EA7KW
10022016 3C0V CQ CQ SSB 50.120 TP9RZR
10022021 3C0V LOW 50.120 IK8HJC
10022039 3C0V 50.110 CT3DL

ASCENSION IS.

10011431 ZD8VHF 529 UNUSUAL 50.110 B SVLHD
10011954 ZD8VHF 519 50.032 B SVLHD
10011957 ZD8VHF 529 50.032 B 9H1TX
10012004 ZD8VHF 519 50.032 B 10JZ
10012029 ZD8VHF 579 50.032 B EH3LL
10012032 ZD8VHF 57 50.032 B EA5AGR
10012211 ZD8VHF 56 50.032 B PY1RO
10022210 ZD8VHF 519 50.032 B PY1RO
10042008 ZD8VHF 529 50.032 B SVLHD
10051954 ZD8VHF 419 50.032 B SVLHD
10061944 ZD8VHF 519 50.032 B SVLHD
10062117 ZD8VHF 559 50.032 B 9H1TX
10011952 ZD8VHF 519 50.032 B SVLHD
10152225 ZD8VHF 559 >FK90 50.032 B 9Y4AT
10172105 ZD8VHF 519 50.032 B EA7KW
10232014 ZD8VHF 419 50.032 B SVLHD
10291112 ZD8SIX 519 FLUTTER >1070 50.032 B GB8GC

BENIN

10171655 TY52R CQ 50.115 IK8DYD
10251115 TY52R U/EU/EU QRM 50.110 G4FUF

CANARY IS.

10182055 EH8JF CW 50.110 PY2RO

CAPE VERDE IS.

10240029 D44TD 55>PI07 50.110 HC2FG

CEUTA & MELILLA

10181907 EH91E 59 50.110 PY1RO
10111016 EH91E 59 IM85>JN59 50.117 DL7QY

CHAGOS ARCHIPELAGO

10091515 VQ9LA CW WEAK 50.110 5B4FL
10101630 VQ9LA 559 50.111 5B4FL

GABON

10011444 TROA 859 50.048 EA7KW
10012207 TROA 579 50.048 B PY1RO
10011458 TROA 579>JN53 50.049 B IW5DHN
10012016 TROA 529 50.048 B EA7KW
10041317 TROA 419 50.049 B SVLHD
10041448 TROA 419>JN53 50.049 B IW5DHN
10041627 TROA 529 50.049 B MM1MF
10061548 TROA 539 50.049 B 9H1TX
10111317 TROA 519>JN61 50.048 B IK0FTA
10111432 TROA 419>IN94 50.049 B F6FHP
10111627 TR8CA 579 50.110 EA7KW
10111629 TR8CA 419 50.110 9H1TX
10111631 TR8CA J340 > IM86 50.110 EA7CU
10111713 TR8CA ALAIN 50.110 W CN8GC

10121311 TROA S2 >JN53 50.048 B IK5YVY
10121319 TROA 519>JN61 50.048 B IK0FTA
10121335 TROA WEAK 50.049 B F6FHP
10171428 TROA 539 50.048 B EA7KW
10171431 TROA 519 50.048 B SVLHD
10171453 TROA 559>JN61 50.048 B IK0FTA
10181439 TROA 519 50.048 B SVLHD
10181645 TROA 559 50.048 B EA7KW
10231436 TROA 419 50.048 B SVLHD
10231556 TROA 529>JN61 50.048 B IK0FTA
10231600 TROA 559 DEEP QSB 50.049 B SVLHD
10231629 TROA 529>JN49OH 50.049 B IS0GQX
10232004 TROA 519 50.049 B SVLHD
10241227 TROA S1 >JN53 50.048 B IK5YVY
10241232 TROA 419 50.049 B SVLHD
10251107 TROA 519>1081FL 50.048 B SVLHD
10291038 TROA JJ40>2020 50.048 B CNMST
10291057 TR8A 559 W/ ZEL 50.049 B PA2M
10291058 TROA 599 50.048 B GB8GC
10291103 TROA 559 >I091 50.049 B G4RGK
10291107 TROA 529 J340>JN78 50.049 B OESML
10301015 TROA 319 50.049 B 9H1TX
10301110 TROA 519 50.048 B IW0GPN
10301245 TR8CA 529 50.110 9H1TX
10301458 TROA S2 >JN53 50.048 B IK5YVY
10301459 TROA 559 >JN61 50.049 B IK0FTA
10301554 TROA 559>JN49OH 50.049 B IS0GQX
10301559 TR8CA CQ CQ 50.110 EA7KW
10301621 TROA 519 QSB IN96 50.048 B F5GTR
10301929 TR8CA 57 50.110 CN8LI
10301932 TR8CA 57 50.110 9H1TX
10302033 TR8CA 59 50.110 PY2DSZ
10311444 TROA 519 50.048 B EA7KW

GAMBIA

10291029 C56JHF 57>JN62PB 50.110 IW0GPN
10291034 C56JHF 55 50.110 T0KNQ
10291035 C56JHF 57 JN26>IK13 50.110 P8OP
10291036 C56JHF 52 FLUTTER 50.110 PA2V
10291045 C56JHF W/ HB9QQ 50.120 H HB9AA
10291047 C56JHF S8>JN48 50.120 DL1YD
10291056 C56JHF 59 50.113 F6FHP
10301035 C56JHF 599 CQ &1232 50.111 9H1TX
10301246 C56JHF CQ 519 50.110 SVLHD
10301302 C56JHF 50.110 CNMNEF

ITALY (LAMPEDUSA IS.)

10021539 IG9/12ADN JN65>J021 50.132 PA7FM
10061245 IG9/12ADN 55 IM6SHL 50.160 H HB9LEB
10111502 IG9/12ADN 579 QSB 50.110 5B4FL
10121246 IG9/12ADN 57 50.110 5B4FL
10221639 IG9/12ADN 519 50.110 PY1RO
10231240 IG9/12ADN 50.106 CN5SE
10251156 IG9/12ADN 57>J050 50.113 H DK2EA
10251201 IG9/12ADN 52 50.133 PE1MGS
10301230 IG9/12ADN 50.110 F8CJH
10301610 IG9/12ADN BSc AF 50.133 EA7KW

IVORY COAST

10031729 TU2QJ VERY STRONG 50.110 CT1EPC
10041757 TU2QJ 57 50.110 CT1EPC
10061753 TU2QJ 50.110 EA7KW
10181759 TU2QJ 58 I376AD 50.110 IS0GQX
10231759 TU2QJ APEL GENERAL 50.110 EA7KW
10301036 TU2QJ 59 50.110 9H1TX

KENYA

10021317 ZV1DEB 99 QSB 50.000 SVLHD
10061146 ZV1DEB 99 QSB 50.000 SVLHD
10121240 ZV1DEB 99+ 50.000 SVLHD

MALAWI

10041707 TQ7RM 579 CQ 50.110 EA7KW

MOROCCO

10011327 CN8MC 449-569 -1450 >1080 B GAUPE
10161125 CN8MC IN/QT IM63 50.028 B PSNLY
10181057 CN8MC >JN35 50.027 B 121EPM
10181116 CN8MC 559 IM63>JN54 50.027 B IW4BET
10181120 CN8MC 57 IM63>JN53 50.026 B IKSMEN
10181131 CN8MC >JN35 SSB 50.110 H IK1BEC
10181838 CN8MC 57 50.027 B PY1RO
10251110 CN8KD 59 50.110 G0CHE
10251126 CN8KD CQ 59 50.115 MM1MFY
10251131 CN8KD 57 >JN09 50.115 H F4DR4
10251146 CN8KD 54 >1093 50.115 GL1NK
10251148 CN8KD 55 -1240 & 1246 H GAUPE
10251148 CN8MC 558 >1345 >J080JV 50.028 B PY1RO
10251325 CN8MC 559 IM 50.027 B PY1RO
10311942 CN8MC 59+ 50.027 B PY1RO
10111014 CN8MC 579 IM63>JN69 DL7QY
10111223 CN8MC 555>S85>JN5UR 50.027 B G4CJH
10113556 CN8MC IM63>I091 50.027 B G4CJH
10114225 CN8KD CQ 59+ IM63 50.110 F50KC
10114226 CN8KD W/ G3FQ 50.110 G0PCE
10114433 CN8KD CQ SSB 50.110 G4CJH
10114442 CN8KD CQ 53 QSB 50.110 MM1MFY
10114515 CN8KD 59+ 50.110 FL1FD
10114559 CN8KD CQ 59 50.110

NAMIBIA

10031702 V51E SSB 50.110 5B4FL
10041632 V51E 51 50.110 9H1TX
10301657 V51E 50.110 EA7KW

NIGER

10111546 SU7JB 59 50.110 9H1TX
10111551 SU7JB 55>JN45UI 50.110 IK2CHZ
10111558 SU7JB 59- JK13>IN94 50.110 F6FHP
10111606 SU7JB 55>JN16 50.110 F4ARJ

50.048 B IK5YVY
50.048 B IK0FTA
50.049 B F6FHP
50.048 B EA7KW
50.048 B SVLHD
50.048 B IK0FTA
50.048 B SVLHD
50.048 B EA7KW
50.048 B SVLHD
50.048 B IK0FTA
50.049 B SVLHD
50.049 B IS0GQX
50.049 B SVLHD
50.048 B IK5YVY
50.049 B SVLHD
50.048 B SVLHD
50.048 B F6FHP
50.048 B GB8GC
50.049 B G4RGK
50.049 B OESML
50.048 B 9H1TX
50.048 B IW0GPN
50.110 9H1TX
50.048 B IK5YVY
50.049 B IK0FTA
50.049 B IS0GQX
50.110 EA7KW
50.048 B F5GTR
50.110 CN8LI
50.110 9H1TX
50.110 PY2DSZ
50.048 B EA7KW

NIGERIA

10051619 5N0EVR 56 J716>IN94 50.110 P6FHF
ST HELENA IS
10012033 ZD7MY 55>JN83 50.110 9A5ST
10012035 ZD7MY IN51>H74 50.110 CT1DXY
10012040 ZD7MY 579 IH74D>IM9BW 50.110 BASAGR
10012049 ZD7MY 59 50.115 BHJLL
10012100 ZD7MY 50.115 12BDEO
10012109 ZD7MY 57 QSB 50.110 CT1EPC
10012198 ZD7MY 50.112 CT1EPC
10041736 ZD7MY SSB 50.110 5B4FL

SAO TOME

10031630 89TX 50.110 EA7KW
10031637 89TX 50.110 W IS0GQX
10111605 89TX 57 50.110

SOUTH AFRICA

10031610 ZS6NK CQ 519 50.111 SVLHD
10031703 ZS6TWB 579 KQ64RD 50.045 B IS0GQX
10031839 ZS6TWB 419 50.044 B SVLHD
10041335 ZS6NK 599 50.110 9H1TX
10041343 ZS6TWB 559 50.044 B 9H1TX
10041626 ZS6TWB 599 >KQ64RD 50.045 B IS0GQX
10041704 ZS6GVD CQ 50.110 EA7KW
10041709 ZS6 579>JN53 50.043 B IW5DHN
10041827 ZS6NK 50.120 RH5VQ
10041831 ZS6PTE CQ CW 50.120 RH5VQ
10041843 ZS6PTE 599 >JN61 50.110 IK0FTA
10061621 ZS6NK 519>JN61 50.109 IK0FTA
10071729 ZS6NK 559 50.110 5B4FL
10071737 ZS6TWB 419 >JN54 50.044 B IW4BET
10091629 ZS6DN 519 50.050 B SVLHD
10101314 ZS6 S2 >JN53 50.045 B IK5YVY
10101324 ZS6NK STRONG 50.110 IS0GQX
10101648 ZS6TWB 519 50.044 B SVLHD
10101644 ZS6TWB 579 KQ64RD 50.045 IS0GQX
10101713 ZS6WB W/ A61R 50.110 5B4FL
10121628 ZS6NK 559>JN49OH 50.110 H IS0GQX
10121632 ZS6NK 559>JN61 50.110 H IK0FTA
10121632 ZS6WB -23DB CQ JT44 50.245 H 817X
10121613 ZS6NK 419/519>JN61 50.110 IK0FTA
10231717 ZS6WB JT44 -11DB MAX 50.245 NSMFU

ZIMBABWE

10041652 Z22JE 53 50.115 9H1TX
10041655 Z22JE CQ 50.110 10WTD
10121818 Z22JE 57 >JN49OH 50.115 H IS0GQX

Reports of Asia (MidEast)

CYPRUS

10091355 5B4FL 59 W/ A45 50.115 H IK0FTA
10281120 5B4CY 449 >1080JV H GAUPE
10290949 5B4FL CQ DX 50.110 UT2IC
10011600 5B4FL 41 BSc W/ TR8 50.110 EA7KW
10101073 5B4AGM, 5B4FL 55 50.110 VR2XMT

CYPRUS, British Sov. Base

10111023 ZC4CW CQ 50.110 T72EB

ISRAEL

10091432 4X1IF 599>JN61 50.105 IK0FTA

LEBANON

10091443 OD5NH 59>JN61 50.118 IK0FTA

OMAN

10091350 A45WD 59>JN61 50.110 IK0FTA
10091408 A45WD 59+ 50.115 5B4FL
10091420 A45WD LK77 50.110 IK5YVY
10091500 A45WD 599 50.110 5B4FL
10121302 A45WD 50.110 5B4FL

SAUDI ARABIA

10121225 HZ1MD 59>MANILA 50.110 GM4COK/

UNITED ARAB EMIRATES

10101346 A61AH 55/59>MANILA 50.110 GM4COK/
10111003 A61AH 50.110 W VR2KM
10290956 A61AH CQ 50.110 9H1TX
10291014 A61AH 59 50.110 EA7KW
10291015 A61AH 50.110 IS0GQX
10111201 A61AH 55 50.110 VR2XMT

Reports of Asia (FarEast)

CHINA

10100800 BQ9BA CQ CW QTF 210 50.110 JG3LEB
10101605 BQ9BA 52 50.120 JH7XZ
10160518 BQ9BA 41 160+ >PM95 50.120 JH7XZ
10311519 BA7IA 419 C 210+ 50.110 JZ2XBY
10311520 BA7IA CW W/ DU1EV 50.110 JZ2XBY

HONG KONG

10260505 VR2XZK >PM96 50.125 S JH1WHS
10260506 VR2XZK 59 >QM05 50.150 S JA1VOK/M
10260508 VR2XZK >PM96 50.107 C JH1WHS
10260519 VR2XZK CW 50.108 H JA1VOK
10260528 VR2XZK >PM96 50.110 S JH1WHS
10311436 VR2XMT CQ SSB 50.110 JG3LEB
10311456 VR2XMT CQ 50.110 JA2PCK
10311521 VR2XMT 52 Sc 220+ 50.110 JZ2XBY

INDIA

1007042 VU2ZAF FB SIGS 50.111 W PE1MZS
1007045 VU2ZAF 59+ MKR2 50.110 G4PUF
1009121 VU2ZAF 59 50.110 SVLHD
1019120 VU2VPP 59 50.110 VR2XMT
1025081 VU2NKP CQ SSB 50.110 VR2XMT
1026042 VU2VPP 59 50.110 J3AIKVC
1101105 VU2VPP W/ K6GDE 50.110 VR2XMT
1101123 VU2LO CQ SSB 50.110 VR2XMT

JAPAN

10160416 JH1SK 50.130 J3JAMK
1022046 J64TEW 59/59+BK29 50.110 NHTRO
1022049 J64TEW 519 59+PM37 50.110 B HL1LTC
10230132 J64JKD 529 50.110 PYTOR
10230134 J64JKD CW PL47 50.110 P1CZ
10230142 J64CDB CW 50.110 PJZC
10230238 J64CDB 55 CQ 50.110 LUZNI
1010755 J64PMX/6 569 50.110 S4AL
11011237 J44PMX/6 50.110 VR2KW

KAMPUCHEA (CAMBODIA)

10030900 XUTACD 50.110 C JASCMO
10040925 XUTACD CQ 50.126 H1SFTB
10050802 XUTACD CW CQ 50.110 H1SFTB
1017055 XUTACG 59 50.110 S1SGOS
1017055 XUTACG 59 50.110 J64TEW
10170618 XUTACG 59+PM53 50.110 J64TEW
10180548 XUTACG 59+PM96 50.110 J3JHWS
10180553 XUTACG 59+KOREA 50.125 K6SSSR
10180648 XUTACG 59+QSB 50.110 D1SQGS
10220748 XUTACG BIG SIG -0813 50.110 D1SQGS
10220823 XUTACG W/ HL5 50.115 HL1LTC
10220833 XUTACG 55 QSB 50.115 D1SCUC
10270615 XUTACG SSB 50.110 H JAIKVC

KOREAS.

10110629 D1SQGS W/ YC1MW 200* 50.120 H JG1LEB
1016096 H1L1LTC LOUD 50.110 J3JHWS
1016091 H1L1LTC LOUD 50.110 J3JHWS
10210321 H1L1LTC SSB 50.110 H JAIKVC
10101030 K6ZHDW SSB CQ 50.110 HL1LTC
10101010 H1L1LTC 42 PM87 50.110 NHTRO
10101010 H1L1LTC PM87 42 50.110 NHTRO
10110622 D1SCUC CW CQ 50.105 HL2PFW
10110629 H1L2PFW CQ CQ 50.115 D1SCUC

MALAYSIA, WEST

10020815 9M2ZTO 539+PM85 50.005 B J3JHWS
10030759 9M2ZTO 559+PM85 50.005 B J3JHWS
10040141 9M2ZTO 419 50.005 B J3JHWS
10040835 9M2ZTO 59+PM85 50.005 B J3JHWS
10050702 9M2ZTO 59+PM85 50.005 B J3JHWS
10060619 9M2ZTO 59+PM85 50.005 B J3JHWS
10102720 9M2ZTO 59+PM85 50.005 B J3JHWS
10102747 9M2ZTO/IR1WZ1 CW 50.105 J2FAIA
10103712 9M2ZTO STRONG 50.120 JG3LEB
10130718 9M2ZTO 53 CQ 50.120 J2XEZY
10250843 9M2ZTO CQ CQ 50.120 JASZPT
10250944 9M2ZTO 59+PM64 50.105 J3JHWS
10270429 9M2ZTO 59+PM64 50.005 B JAIKVC
10300810 9M2ZTO 50.005 B J3JLEB
10310804 9M2ZTO CQ CQ 50.117 J3JLEB
10310808 9M2ZTO SSB 50.117 HL1LTC
10310808 9M2ZTO SSB CQ 50.117 HL1LTC
10311421 9M2ZTO/11ETU 50.085 B J3JLEB

MYANMAR (BURMA)

10010830 XZ7A 50.105 HL3IB
10011432 XZ7A SSB 50.110 VR2KW
10030645 XZ7A 50.105 C JASCMO
10040403 XZ7A 50.105 JH7XRX
10040426 XZ7A 50.105 J3JHWS
10040514 XZ7A SSB MKD 120 50.115 HL1LTC
10040633 XZ7A UP1 50.105 HL2PFW
10040638 XZ7A CW UP1 50.105 HL2PFW
10040759 XZ7A 59+PM74 50.130 S H1JDMQ
10040921 XZ7A CQ FB ST 50.100 H1SFTB
10040931 XZ7A 59+PM90 50.100 C K7IKU
10050815 XZ7A CQ CQ FB 50.105 HL2PFW
10050996 XZ7A CQ CQ 50.098 HL2FV
10051123 XZ7A CQ SSB 50.110 AL6IAH

VIETNAM

10210630 XV3AA 50.130 S JH1WHS
10280655 XV3AA SSB 50.130 H JAIKVC

VIETNAM

10100700 3W22S CW 50.110 JG3LEB
10100701 3W22S UP 50.105 JAIWLO
10100702 3W22S UP 50.105 J3JBG
10100717 3W22S 59+PM64 50.105 S JASCMO
10100723 3W22S 59 50.105 JH7XRX
10100740 3W22S 59 50.105 JAIKVC
10100744 3W22S 59+PM53 50.105 S J64TEW
10100775 3W22S SSB UP 10 50.105 J4VDP
10100803 3W22S UP CQ 10 50.105 C HL1LTC
10100803 3W22S UP 10 50.105 C HL1LTC
10100806 3W22S CW 50.105 J3JHWS
10100807 3W22S UP 10 50.105 W JAF3FC
10100811 3W22S SSB 59+ 50.105 J3JFVC
10100834 3W22S UP 10 50.105 D1SCUC
10100834 3W22S UP 10 50.105 D1SCUC
10107029 3W22S CW 50.110 H JAIKVC
10107032 3W22S SSB 50.110 HL1LTC
10107040 3W22S 59 50.110 JH7XRX
10107044 3W22S 539 59+PM85NB 50.110 J2LPZC
10107045 3W22S SSB 50.110 J3JHWS
10260710 3W22S SSB 50.110 H JAIKVC
10260719 3W22S 59+PM96 50.120 S JH1WHS

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ALAND IS.

10281152 OHORJ 559/559 JF90X1 AUEA C G4UPS
10291436 OHORJ 559 50.105 OZOUX
10291555 OHORJ JP90 30 50.106 OZ2M
10292115 OHORJ CQ 50.106 PAZV

AUSTRIA

10041302 OE5XBL W/ 9H 50.130 DJ6GRN
10071042 OE8RT 59 50.130 G8BCG
10071101 OE3XLB 579+IO93 50.058 B GLINK
10071109 OE3XLB 59+IO93 50.150 H GLINK
10261037 OE6GMS W/ JN77JE FRD S G4UPS

BELGIUM

10121407 ONTLC 50.230 W OH1JCS
10281930 ON6AA 44A CW +IO80JV H G4UPS
10282256 ON6AA 55A/55A J011JD+IO80JV G G4UPS
10310045 ON5UE 330* J011LF 0.094 9A4K
10310105 ON4PS 340* J020KQ 0.090 9A4K
10111027 ON41H WEAK & QSB. 0.200 ON6LI

BULGARIA

10070923 LZ2CM KN13 JN29 50.106 ON5SE
10071048 LZ3RX KN12PQ +J053F 50.102 DJ6TKT
10071154 LZ1AG CQ 579 50.105 PE1MZS
10071241 LZ3RX 579, LZ2HM 559 50.100 PE1MZS
10071252 LZ2FO 559 KN13+J021 50.104 PE1MZS
10091615 LZ2CM 559 KN13+JN37 50.105 PE1MZS
10181211 LZ1AG KN22+J050W 50.105 DLALAT
10181218 LZ1AG 559+J041 50.105 DL8YHR
10181233 LZ2PE 59 50.108 IK4IDF
10181241 LZ2PP 59 50.106 IK6SNQ
10181351 LZ1ESJ CQ 50.110 K5VUY
10231211 LZ3RX 59 KN12+J021 50.115 PE1MZS
10231215 LZ3RX 59+J031TO 50.114 DL2DR
10231221 LZ2FO 50.111 W PE1MZS
10231224 LZ1FO KN12 50.130 DL2DR
10231225 LZ2CQ KN12+JN29 50.105 ON5SE
10291122 LZ3RX CQ 559 ES 50.115 T1WAZJ
10291124 LZ3RX +JN35 50.115 IZ1EPM
10111005 LZ1JH KN22 559 +J050 50.013 B DK2EA

CAPRI

10191024 IC8CQF CQ ON CW 50.103 IK8DYD
10191027 IC8CQF 339 -1030 +IO80JV H G4UPS

CROATIA

10071211 9A2DS JN83HQ +J053FO 50.103 DJ6TKT
10071240 9A8A 579 KN12+J021 50.100 PE1MZS
10071255 9A1CAL 589 +IO80JV B G4UPS
10071350 9A8A 599/599 JN86+IO80 MARK C G4UPS
10100932 9A6R 59+JN83PT JN83PT S G4UPS
10240205 9A4K 30* 50.110 EASGR
10242107 9A4K 58 JN86+IO80 50.110 EASGR
10260940 9A1CAL 579 +IO80JV B G4UPS
10261015 9A8A 579 -1030 +IO80JV H G4UPS
10270958 9A1CAL 589 +IO80JV 4120 B G4UPS
10271201 9A2CD 58/58 JN75XS CN-1215 G G4UPS
10310101 9A4K JN68+IO92 50.089 G0PQO

CZECH REPUBLIC

10071026 OK2FOI 59 50.115 G8BCG
10251043 OK1OE 50.158 EA7KW
10300013 OK1DX 55A JN69 50.085 H G4PUF
10302324 OK1DX 55A 50.091 OZ1DJJ

DENMARK

10121426 OZ1DJJ 50.230 W OH1JCS
10241904 OZOUX 55A 50.101 OH2RF
10251444 OZ9PP 58A 50.103 OH5LIZ
10282200 -OZ7Y 55A CW, OZ1REF 56A SSB H G4UPS
10291508 OZ1DD CQ OZOUX 50.095 OK1PM
10291536 OZ1DD 52A+J081 50.095 SP6MLK
10291719 OZ1DPR +J045R 50.150 SP7HKK
10291722 OZ4VV 59A 22*KO02+J046 50.142 SP6UAF
10291737 OZ1DPR 53A QTF 270* 50.090 H G4UPS
10291944 OZOUX 4Q +J054+JN86 0.098 9A4K
10291951 OZOUX 55A 50.049 OMTFA
10301846 OZ6ABA WEAK LEIF 50.140 OH6KTL
10302001 OZ3ZW 57A+J070RF 50.102 OK1MP
10302222 OZ3ZW 55A+JN86+JN86J 50.080 9A4K
10310116 OZ8ABE 59A J055VF 50.094 SP6UAF

DODECANES IS

10181137 SV5SIX 519+J090 50.016 B SP9DSD

ENGLAND

10061346 G1NZR 55 +JN52LR 50.168 IK5RLP
10061352 G4WZ 59 +JN52LR 50.168 IK5RLP
10071132 G8BCG/P 59 50.138 SP9CCD
10071135 G0JHC IO83+JN76 ES 50.135 S7MTA
10071207 M0BTV W/ TTAU 50.105 9A8A
10071237 G8JBCB 599 IO70QJ 50.042 B 9A8A
10071242 G3TEK 50.153 I7CSB
10081803 G8JBCB 599 IO70QJ+JN49OH B IS0GQX
10121318 G1RHO 57 IO90+J080 50.130 SP6MLK
10121343 G1RHO 55 IO90ES 50.110 9A4K
10100921 G4CDA 55 CQ TR8T 50.175 IZ2GSO
10241845 G8JBCB 55A +IO80JV B G4UPS
10281825 G1YLE 58A SSB +IO80JV H G4UPS
10282203 G0RUZ 59A 50.105 H G4UPS
10282244 G8JBCB 58A +IO80JV B G4UPS
10282255 G4UZN 59A/59A +IO80JV C G4UPS
10291805 G0RUZ 55A +JN86JF 0.091 9A4K
10292007 M4TO LASTED 1 MIN 50.095 KRKS
10301816 G4DEZ AUR 50.096 W LY2BAW
10302000 G4DEZ 59 50.180 OH2RF

10302221 G3TCT 55A 50.084 IZ5VA

10310051 G4DLB 50.100 W IZ1BPM

ESTONIA

10081013 ES0SIX 519+IO53 50.037 B E171X
10241550 ES2RHW 59A CQ 50.096 OZ1DJJ
10282148 ES2RHW 589/589 KO29NT+IO80JV C G4UPS
10292203 ES0SIX 569 +IO80JV B G4UPS
10291724 ES7FU 55 AURORA 50.100 OZ4LE
10291725 ES2QH 55A 50.175 ON4HF
10291744 ES2QH 59A KO29+J072 50.175 D6BKR
10291946 ES2QH 529 55 AUE 50.144 G0RUE
10292022 ES2QH 59A+J051D 50.144 OZ4ADU
10292027 ES1AJ CQ 59A 50.095 LA7FDA
10292034 ES2QH KO29 50.144 GLINK
10292111 ES2RHW 55A 50.105 PAZV
10292115 ES1A 55A 50.085 LA7PFA
10292141 ES0SIX 559+IO93 50.037 B G4VIN
10292158 ES0SIX KO18+IO91 50.037 B G4PCI
10301843 ES2RHW 59A QTF 5* 50.095 OZ1DJJ
10301843 ES0SIX 579+IO93 50.037 B G4VIN
10301943 ES2RHW 59 50.154 OZ1DJJ
10302021 ES2RHW 59 PLUS 50.144 G3MCS
10302027 ES4BQ KO39CE 50.156 H G7KHF
10302029 ES2RHW 59 KO29 50.153 MOSIX
10302043 ES2RHW 59+ KO29NT 50.153 MW1MFP
11010515 ES0SIX 529 50.037 B F90Q

FAROE ISLANDS

10081012 OY6SMC 599+J093 50.035 B SP2MK
10081021 OY6SMC 559 IP62+J080 50.035 B SP6MLK
10081026 OY6SMC 579+J073GK 50.035 B SP1DID
10081027 OY6SMC 579+JN88 50.035 B OH3CM
10292203 OY6SMC 559 +IO80JV B G4UPS
10301913 OY6SMC 599 IP62MB 50.035 B LY2BAW

FINLAND

10061937 OH9SIX 57A KP36+KP15 50.067 B SM2CEW
10071855 OH9SIX 55A KP36+KP15 50.067 B SM2CEW
10181743 OH1JCS 50.230 OZ4ADX
10181751 OH1JCS W/ OZ 50.230 G4PCI
10182052 OH9SIX 57A KP36+J059DR 50.067 B ONSDJ
10182235 OH9SIX 519 STABLE 50.067 B PA0O
10242117 OH9SIX 55A CQ 50.100 H OZ1DJJ
10242118 OH9SIX 52A 50.067 B PA0O
10291811 OH6YF 59A 50.067 B PA2V
10291843 OH6YF 55A KP20+JN59 50.087 DL9NDC
10291910 OH9SIX 57A AUE +IO93 50.067 B G6VIN
10291924 OH9SIX 539 50.067 B MO8EFO
10291940 OH9SIX KP22 50.067 B G4PCI
10292000 OH8GLL KP25CQ 50.197 PC1T
10292005 OH6YF 50.085 PA2V
10292010 OH6KTL 59+ 50.187 ON4UJ
10292016 OH9ND 50.103 DL1EL
10292017 OH6KTL 55-57 AUE +J021 50.195 P1BMS
10292028 OH6KTL 50.195 G0CHE
10292031 OH6KTL 55 50.195 H D03DJ
10292112 OH6YF 57A KP02+JN59 50.084 DL7QY
10292133 OH6YF 50.081 G8BCG
10292139 OH9SIX 529 AUE 50.067 B PA0O
10301808 OH9SIX 59 AUE 50.067 B OZ1DJJ
10301840 OH9SIX 59 AUE 50.067 B OZ1DJJ
10301918 OH9SIX 59 AUE 50.068 H MW1MFP
10301937 OH2APF 51 AUE 50.160 H E171X
10301938 OH7E 59A 50.147 ON5UE
10301939 OH8HTG KP34+IO91 50.169 G4PCI
10301941 OH8HTG 59 KP34+JN59 50.195 DL7QY
10301945 OH7PF 579/599 KP42VN 50.098 DL1EAF
10301946 OH7PF KP42 50.098 MW1MFP
10301955 OH7AK 50.147 ON5UE
10301956 OH8GLL KP25 AUE 50.147 DK5YA
10302011 OH3UR HENRY KP21GA 50.174 G7KHF
10302022 OH3MF 55A 50.096 LA7DFA
10302032 OH6AFA LEIF AUR 59 50.130 G3MCS

FRANCE

10071046 F4DRA 57 50.142 SP5XWJ
10101049 F60EX 57 IN97 50.120 SP5XWJ
10071052 F4DRA CQ 50.110 SP7HKK
10071058 F60EX IN97NA 50.120 SP2JJ
10071146 F2DXV JN4A 50.150 SP7HKK
10081839 F5DE 599+JN53 50.096 ISMXX
10081905 F60EX 57 IN97NA+JN66JF 50.123 9A4K
10121312 F6HFP 59+IN88KN+JN66JF 50.110 9A4K
10121555 F6PHF 529 50.110 IW1AZJ
10190931 F3CN JN06+JN86 50.115 9A4K
10190940 F1PFX 59 IN61KN+JN66JF 50.122 9A4K
10211203 FX4SIX 519+J080 50.135 SP6MLK
10250831 F6PHF CQ CW+JN35 50.110 H IK1BSE
10281825 F6PHF 51A CW +IO80JV H G4UPS
10291952 F6PHF CLG CQ 50.092 LY2BAW

GERMANY

10061553 DL90SA 53/53 J082KL 50.180 SP6VWJ
10061554 DL90SA 53/53 J082KL 50.180 SP6VWJ
10191001 DH4AE, DL4AO, DC8TS 50.110 IN9YIT
10281930 DL5WG 57A CW +IO80JV H G4UPS
10291803 DL9NDC 57A CW 50.091 9A4K
10291804 DL1DSW 50.092 W LY2BAW
10291805 DL1DSW 50.092 W LY2BAW
10292128 DL6AMI 53A 50.107 IZ2GSO
10301502 DL7RHC 50.110 SQ9AC
10301754 DL7RHC 50.096 LY2BAW
10302135 DK1RR, DP7KF AU +JN98 144. H HA6RN
10302144 DL4DQ, DL1RNM AU +JN98 144. H HA6RN
10302155 DL12ERM 50.101 IZ1ERP
10302218 DP9OX CQ AU J053HH 50.090 ON4K

GIBRALTAR

10251251 ZB2BO 599 CQ 50.112 MW1MFP
10251252 ZB2BO CQ 50.112 F5JKK
10251253 ZB2BO CQ CW 50.107 F5JKK

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SWEDEN

10071013 SM5LE 519 50.103 IK5OEA
10071250 SM7RYO CQ 50.155 IJSYUJ
10121350 SM5LE JFMH 50.230 J OHJGJZ
10180255 SM2AE EME >EL17AX 50.135 J OHJGJZ
10281836 SM7ABD 56A/55A JO65 ARNE C G4UPS
10282203 SM7ABD 55A H G4UPS
10282213 SM7FJE 59/59 JO65-I080JV BO S G4UPS
10281511 SM7FJE 59/59 JO65-I080JV BO S G4UPS
10291644 SM0LGB JO89-J094 20.0.143 SF21GW
10292004 SM1PFG 59/59A JF921I-J092 H SP3RNRZ
10292142 SM0ELV 55A KEN JO89-J092 SP3RNRZ
10292342 SM0LGD 57A K002/J089 50.097 SP5UAF
10301759 SM2PJE 59A CPM15 50.096 LY2BWW
10301925 SM3DXV 59 JF62-J094 50.092 SQ2BEP
10302141 SM7GIB 57A JO65CN-J092 SP3RNRZ
10302250 SM7FJE 59A 0° JO65-JN86FJ 9AAK

SWITZERLAND

10071307 HB9LBC NM4THK-I080JV CHRIS W G4UPS
10071307 HB9SIX 589 >I080JV B G4UPS
10260940-HB9SIX 589 >I080JV B G4UPS
10260948 HB9QQ 59/59 JN47 PIERRE C G4UPS
10260948-HB9BLF 59 >I080JV H G4UPS

UKRAINE

10070747 UTSG 52 KN66/J080 50.084 B SP6MLK
10070805 UTSG 59 JO45 50.084 C21JW
10070849 UTSG 579 KN66-JN67 50.084 B DL3LFA
10070851 UDSSTX 549 JN67-KN74 50.084 B DL3LFA
10070858 UTSG 529 KN56-JN67 50.083 ONSSS
10070921 UYSHF 55/55/59 KN66 50.110 DJMBE
10070927 UYSHF SSB 50.120 FELMES
10070957 UYSHF 50.080 B DL3AJT
10071008 UYSHF KN66 ANATOLY 50.120 ONSLGS
10071009 UYSHF 55 KN66HP-JN450A 50.120 IWSGA
10101106 UX00Y CQ SSB AND GOME 110 18A
10111005 UYQY SFORACD OPERATING 110 11B
10111024 USSCO 59 & OUT >JN54 125 H IWAHBT
10161750 UYQY 59 QSB 50.110 5B4FL
10161829 UR5QDM 50.111 5B4FL
10180953 UYQY 50.111 SVLIL
10181000 UYQY 519 50.084 B TADMT
10181022 UUS 55 QSB >JN53 50.080 B IKS5YUJ
10181037 UDSSTX 579 KN74AL 50.080 B DL3CQC
10181051 UDSSTX 579 KN74-JN83PM 50.080 B 9A6R
10181110 UDSSTX 59 KN74 50.080 B EATRM
10181232 UYQY WEAK 50.110 H IWPFSB
10181536 UYQY 59 KN77QO-JN86FJ 110 9AAK
10182341 UTSG 59 KN76 56A 50.084 B OJ2IDJ
10291006 UTSR 559 50.111 9HITX
10101910 UTSG 579 KN66LS-JN773E 50.084 B OEBMG
10101913 UYSHF 59 KN66HP 50.110 OEBMG
10101931 UYSHF CQ CW 559 50.110 IKGZSO
10101943 USSCO 55-JN52LR QSB 50.128 IKSRLP
10101955 USSCO CQ CW 50.110 IKSRLP
10111006 UTSG 539-JN61 50.084 B IKOFTA

VATICAN

10171216 HV5FUL CQ SSB 50.150 IKOFTA

WALES

10081102 GWJLEW 50.102 ON5AA
10282234-GWJXJN 59A CW >I080JV H G4UPS

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ALASKA

10280030 KJ1DATA >QM05 40.69 D JAIVOK
10280155 KJ1DATA >QM05 40.69 D JAIVOK
10300210 KJ1A 59 UOE 50.125 VAS6R
10302300 KJ1A >CM88 K6QXY
10302304 AL7JK 559 BP51 50.100 N6KK
10302309 NL7ZW 57 BP71 50.122 N6KK
10302316 AL7JK 59 K6H6F 50.100 K6GI
10302321 KJ1CQ JIM, ANCHORAGE 113 K6GI
10302325 NL7ZW CQ 50.122 K6GI
10310613 KJ1GLK >PM29 50.075 B AB1P

BARBADOS

10300116 B9PHW 53 KQ03 50.160 NHT7A

BELIZE

10302100-V31 >CM88 K6QXY
10302119 V31MD 50.110 KR7O
10302123 V31MD 59 50.110 N6KK
10302152 V31MD BOB 50.110 K6GI

BERMUDA

10151335 VP9DUB 529 >EM75 TN 50.025 B K8WW
10181807 VP9DUB 559-F107 50.026 B HC2FG
10250344 VP9DUB 549 PM79-FN31 50.026 B K7BV
10292058 VP9DUB 52A 50.025 B W1RA

CANADA

10220400 VBBY 55A PEAK 50.048 B VO1TJM
10220500 VE8ARM AJR EN09-EH82 50.018 B HSUJG
10310009 VE1SKY FN74 50.150 VY2RU
10310031 VE7XF >CM87 H K6FV
10310108 VE2WHZ FN08 50.125 VY2RU
10310246 VE7DXG CW 50.096 K6GI

CAYMAN IS.

10052157 2F1DC CQ 59+ 50.110 LW6DC
10220516 2F1RC 57-BL11 HAWAII 50.165 K9PFD
10302100-2F >CM88 K6QXY
10302201 2F2BI NEWIE 50.122 K6GI
10302249 2F2BI 50.099 NGCW

COSTA RICA

10042158 TI2ALF 57 GUS 50.110 K4RX
10042223 TI4DJ EK70 50.110 NWS5
10100127 TI2NA 50.080 B PY2EX
10182355 TI2KXP CW 50.110 PY2RO
10190019 TI2NA GOOD SIGNAL. 50.080 B PI2CZ
10230311 TI2KAC CARLOS, SAN JOSE HC3AP
10230312 TI2KAC E379 50.110 HC3AP
10230322 TI2KAC 50.110 PY2RO
10292142 TI2NA 599 50.079 B N6KK
10292218 TI5KD 59/59 EJ99-CM88 S K6QXY
10292222 TI5KD 59-CENTRAL CAL 50.130 WAF7LG
10292247 TI2NA 579 >CM87 50.080 B PE
10292342 TI5KD 57/57 E379 50.130 K6FV
10292257 TI5KD 50.130 K6QXY
102922XX TI2NA >CM88 B K6BAN
10292333 TI2ALF 50.125 K6BAN
10292343 TI5KD 50.115 N6ZN
10292346 TI5KD 59 E379 Sc 270 50.115 K6QC
10300019 TI2TLF 50.125 K6BAN
10300132 TI5KD 59+ OP KEKO 50.110 WFN1X
10300328 TI2NA 599-PK60 50.080 B YV1DG
10300355 TI5KD 59 >PK60 50.110 YV1DG
10300509 TI2NA 579 >EM13 50.080 B K5SWW
10300535 TI5KD 50.110 W2R
10300536 TI2CDA 50.120 W2R
10300555 TI2NA 599 S 50.080 B W2R
10300601 TI2ALF CW 50.130 W2R
10300623 TI5KD KEKO E379 50.110 KR7O
10300632 TI2ALF 50.105 K5AM
10302100-TI >CM88 K6QXY
10302103 TI5KD 579-DM33 50.130 K7ZD
10302105 TI5KD SSB only 50.130 N6KK
10302137 TI5XP 56 DIRECT EK70-CN84 W7EW
10302215 TI5KD 59 >DM25 50.130 NK7C
10302244 TI5XP MIKE >CM97 50.118 K6GI
10302257 TI5KD 57 SSB 50.110 K0YI
10311606 TI2NA 539 >DN70 50.079 B KOGU
10311620 Tis >CM88 K6QXY

CUBA

10112221 CO8DM 50.116 PY2EX
10112221 CO8DM 50.116 PY2EX
10240015 CO8LY CQ 57 50.110 PY1RO
10240015 CO8LY CQ 57 50.110 PY1RO

EL SALVADOR

10040133 YS2MRL CQ DX 50.112 PF2MDX
10300036 YS2MRL #79 50.110 W NHT7A

GREENLAND

10292150 OX3VHF 55A QSB 50.045 B VE1ZZ
10310029 OX3 J Q660-FN43 50.045 B WALT

GUADELOUPE

10300027 PG5G 50.115 HP2CWB
10300030 PG5PU 59 FK95-FJ09 50.115 HP2CWB

GUATEMALA

10292225 TG9NX 59/59 EK44-CM88 S K6QXY
10292230 TG9NX 50.120 K6FV
10292240 TG9NX 59/59 >CM87 50.120 S K6UM
10292258 TG9NX 50.120 K6BAN
10302134 TG9NX 50.115 K6QXY
10311607 TG9NX WEAK EK44-DN70 50.115 K6BAN
10311616 TG9NX 59+ 50.125 K6BAN
10311620 TG9NX >CM88 K6QXY
10311625 TG9AFX 50.110 K6BAN

ITU U.N., NEW YORK

10310143 AIUN SSB 59 50.110 K7BV/1
10310144 AIUN 50.110 W N6KK
10310238 AIUN 50.110 K2FP

MARTINIQUE

10181656 FM5WD 519 Skewed path 110 EA7KW
10182009 FM1GD 57-F107 50.110 HC2FG
10182310 FM5WD 59 FK94-F107 50.110 HC2FG

MEXICO

10102315 XE1KK -0120 50.112 B XE2HNB
10210131 XE1MK 59 >BL17 50.112 B XE2HNB
10220111 XE1KK 529 >BK29 50.023 B H6SX
10242357 XE2ED 559 >BK29 50.110 C H6SX
10251855 XE1/VE3QOC Glen 50.110 HC3AP
10292327 XE1AUM CQ 599 50.116 HP2CWB
10292327 XE1AUM 599 BSC DK79 50.115 C HP2CWB
10300554 XE1UM 50.110 B K6QXY
10301544-XE1KK 50.110 B K6QXY
10302302 XE2OR/M 50.113 K7IDX
10302332 XE1AUX 50.110 K6GI
10302332 XE1AUX 59/59 DK69 50.110 K6FV
10302342 XE1KK 589 EK09-CM87 50.023 B H6SX
10302346 XE1UM EK09-CM87 50.110 K6FV
10310008 XE2HNB QX5 50.185 AASKE
10310041 XE1/WS6G DL90-EM00 50.095 AASKE
10310044 XE2HNB 50.115 K7JY
10310217 XE2HNB DL44-DM12 50.125 N7CW
10310244 XE2K DM32 50.113 K7GTI
10310255 XE2K 50.113 N7OR
10310307 XE2MX LOUD-CM87 50.110 AATCQ
10310309 XE2MX DEE DM11-CN85 50.110 AR7AL
10312211 XE1AUX >BL11 R66 50.110 K9PFD
10312212 XE1AUX 57 DK89 50.110 NHT7A
10312219 XE1AUM >BL11 KH6 50.110 K9PFD
10310045 XE2HNB 43 BACK-KH6 50.110 NHT7A

NEWFOUNDLAND

10301545 VO1ZA Send WEIRD STUFF .039 B K1GUN

PANAMA

10230131 HP3XUG W/ CE0Y 50.110 PP1CZ
10230259 HP3XUG 57-F106 50.110 HC3AP
102922XX HP 50.080 B PY2EX
10292305 HP3XUG 59/59 EJ88-CM88 S K6QXY
10292314 HP3XUG 50.106 K6BAN
10300112 HP2CWB 58 BL29 50.135 K5IX
10300133 HP1AC W/HF1DCP 50.140 K5IX
10300134 HP1DCP 59 FJ09-E317 50.140 S W5UMB
10300135 HP1AC 59 FJ09-E317 50.140 S W5UMB
10300325 HP2CWB >EM13 50.130 H NURQ
10300330 HP2CWB STRONG-EM25 50.130 K5CM
10300549 HP2CWB FJ09-EM13 50.140 W2R

PUERTO RICO

10040037 WF4KJ CQ DX 50.110 PF2MDX
10040037 WF4KJ 57 50.110 W4SO
10050044 WF4KJ CQ DX 50.090 W4SO
10050158 WF4KJ CQ DX 50.105 PY4QY
10052325 KF4RP CQ DX 50.110 PF2MDX
10062300 WF4N63 59-GG51/PK68 50.110 PF5LD
10072311 WF4N63 59-GG51/PK68 50.110 PF5LD
10112257 NP35 59-GG51 50.110 PF5LD
10170037 WF4HVS 55-PF81XC 50.110 LW6DC
10212041 KPJA 599 >EL98 50.110 NWS5
10292101 KP4ET 57-TM63 50.110 W2R
10300014 KP4ET 50.110 HP2CWB
10300104 WF4N6W 50.110 HP2CWB
10300141 KP4ET CQ SSB 50.110 HP2CWB

ST BARTHELEMY

10072315 FJ2BVU 59 50.110 PF5JD
10222321 FJ5DX 50.110 PF5LD
10222321 FJ5DX NICE SIG F431
10251756 FJ5DX 55 50.120 NWS5
10251837 FJ5DX 54 FK87-EL17AX 50.110 S W5UMB
10251839 FJ5DX 58 180 50.110 K4RX
10301721 FJ5DX CQ CQ 50.110 LW6DC

ST KITTS & NEVIS IS.

10230128 V44BAI 50.055 B PP1CZ
10300056 V44BAI FK87-FJ09 50.055 B HP2CWB

TURKS & CAICOS

10222123 VF5/K4UTE 58 50.125 VY4DDK

VIRGIN IS.

10292102 KP2A W/ CN8DK 50.115 CN8LI
10300015 KP2BH 59 50.110 HP2CWB

United States, W1

10041437 W2IV SC PN31-EL98 50.125 NWS5
10300208 ELJRI PM45-PN24 50.130 K6QMI
10302244 WBL PM46-PN86 50.130 VY2RU
10310128 W2IV 50.080 B K6FHP

United States, W2

10300204 WB2JTL 50.130 K6QMI
10300532 W2RZ 59+ 50.130 HP2CWB

United States, W4

10042313 W4/NL7AU 55 EL94-CM98H.115 NN4X
10050011 K4KAP 57 OP IVARS 50.135 WFN1X
10302244 WBL PM46-PN86 50.130 VY2RU
10301002 W4SD 529 CQ 50.110 PY1RO
10202309 W4s (20) AL,GA,SC >EL17AX W W5UMB
10300442 K6KRW EM80-EM17 50.125 W NUK
10300513 K4AVUT 59+ EM50-DM79 50.125 W NUK
10304311 W4WMA EM65-FN23 50.125 W4ZBY
10251836 K4WME EM56 50.125 K6FHP
10291355 W4/NL7AU 559 50.125 K4RX
10292322 W4SD 559 BSC >EL17AX 50.102 C W5UMB
10302024 K4NRM 55A PM27-EL98 50.130 K6FV
10302337 W4/WZGF EM60-CM87 H K6FV

United States, W5

10202213 W5WVO DM65-CN96 B WTNBH
10230056 W5VAS 579 EM40-DM79 B NOVS
10301010 W5s TX SPOTTY >CM88 H K6QXY
10301012 K6SVH 59+ EM15-DM43 K7TCF
10301012 W5/WURM 59 EL29-DM43 K7TCF
10301247 W5LSB EM20-DM60 KOYO
10301448 W5LSB EM20-DM79 KOGIE
10302004 K5NSN EM16-DM42 50.125 K7NN
10302013 W5GM 59+ EM13-DM03 50.135 K7JY
10302013 W5GM 59+ EM13-DM03 50.135 K7JY
10292313 W5LSPD 559 BSC >EL17 50.109 C W5UMB
10300103 K5IX W/ HP1AC 50.105 HP2CWB
10300145 W5UMB CQ CW 50.110 HP2CWB
10300318 W5/WXO W/ T5KDD 50.110 HP2CWB
10300338 K5AB EM09-CM87 50.059 B HP2CWB
10300341 K5YN CQ CW 599 50.100 HP2CWB
10300352 K5QG CQ SSB 50.110 HP2CWB
10300503 K5AB EM01 50.060 B HP2CWB
10300625 N5XOM 59+ DM81-FJ09 50.125 HP2CWB
10301005 W5S BSC >CM88 K6QXY
10302346 W5TFM EM40-CM87 H K6FV
10302348 W5WP 59+ EM20-CM87 50.148 S K6FV
10302353 W5BUD 59+ EM20-CM87 50.160 S K6FV
10302355 N5AF 57/59 EL17-CM87 50.165 S K6FV
10302357 K5W 58/59 EL17-CM87 50.165 S K6FV
10310039 A5SX & 0101 EM00 50.099 C K6FV

United States, W6

10220311 K6RMT 57 DM13-CN85 50.125 WY7R
10222339 K6XGO 59 DM04-EM17 50.125 S NUK
10302002 K6GVS DM14 50.125 WBSNR1
10242359 W6TRA 559 >BK29 50.069 B K6SX
1030006 K6FV 579 CM87-BK29 50.140 S NHT7A
10250012 W6HGO 55 CM96-BK29 50.140 S NHT7A

50.113	JM1DTF
50.110	VR2KW
50.110	VR2KW
50.110	HL1LTC
50.110	HL1LTC
50.111 H	JA1VOK

50.120 DS1GQS
50.120 DS1GQS
50.093 R JH1WHS
50.000 R JH1WHS
50.115 S JA1VOK
50.110 H JA1VOK
50.110 JF2MBF
50.110 XE1KK
50.110 XE1KK
50.115 K9FD/
50.115 K9FD/K
50.110 HL1LTC
50.110 HL1LTC

50.125		N6XQ
	B	K6QXY
50.140		KB6NAM
50.140		W6KGF
50.110		KB6NAM
296 ONLY	B	K6QXY
50.110	H	JA6TEW
50.110	C	JF2AIA
50.110	C	JN1JFC
50.120	H	JA6TEW

50.135 H JA6TEW
50.105 H JA1VOH
50.135 H JA1VOH
X 50.110 S W5UWB

50.160		W5XC
50.105	S	W5UWB
50.105		A85B
50.160		W5GAI
50.105		K4EA
CM88		K6QXY
50.160		K5AM
50.108	C	KY5N
50.103		W7TS
50.160		W5CIA
50.102		K7EY
50.102		K7ZD
50.105		K7EY
50.145		N1SZ
50.110		K7ZD
50.140		W7GDU
	B	K6QXY
488		K6QXY
50.110		K6QXY

488 B K6QXY
K6QXY
50.110 HP2CWF
50.110 KB6NAN

50.105	K5AM
50.105	N7CW
50.110	N7CW
50.110	KB6NAI
50.130	N6HY
50.130	KB6NAI
50.135	K7XC
50.102	KB6NAI
50.135	KB6NAI
50.150	KB6NAI

50.150		KB6NAI
50.144		K7IDX
50.135		W0RLI
50.160	S	K6FV
50.135		K7XC
50.102		K7XC
50.150	H	K6FV
50.120		K7XC
50.115		NK7C
50.102		NK7C
50.130		K7ZD
50.130		K7ZD
50.120		K7ZD
50.120		N6CA
M88		K6QXY
50.140		KR7O
50.110		KR7O

50.125	W7EW
50.140	NW5E
M97 .160	KG6I
50.140	K4EA